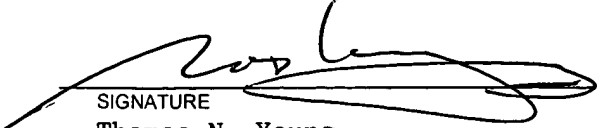


TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER CAF-201-A
INTERNATIONAL APPLICATION NO. PCT/GB2003/005217		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) Unknown 10/537412
INTERNATIONAL FILING DATE 12/03/03		PRIORITY DATE CLAIMED 12/4/02
TITLE OF INVENTION Apparatus for Mapping Biological Tissue Quality		
APPLICANT(S) FOR DO/EO/US Robert L. Reuben and Stuart A. McNeill		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. <input checked="" type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).		
Items 11 to 20 below concern document(s) or information included:		
11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A preliminary amendment. 14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825. 18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 20. <input type="checkbox"/> Other items or information:		

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) UNKNOWN / 537412		INTERNATIONAL APPLICATION NO. PCT/GB2003/005217		ATTORNEY'S DOCKET NUMBER CAF-201-A		
The following fees have been submitted				CALCULATIONS	PTO USE ONLY	
21. <input checked="" type="checkbox"/> Basic national fee..... \$300				\$ 300		
22. <input checked="" type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)..... \$100 All other situations..... \$200				\$ 200		
23. <input checked="" type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority..... \$100 International Search Report prepared and provided to the Office..... \$400 All other situations..... \$500				\$ 500		
TOTAL OF 21, 22 and 23 =				\$		
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.						
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE			
- 100 =	/50 =		x \$250	\$		
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)).				\$		
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$		
Total claims	21 - 20 =	1	x \$ 50	\$ 50		
Independent claims	- 3 =		x \$200	\$		
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360	\$		
TOTAL OF ABOVE CALCULATIONS =				\$ 1,505		
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.				525.		
SUBTOTAL =				\$ 5525.		
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				\$		
TOTAL NATIONAL FEE =				\$ 525.00		
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$		
TOTAL FEES ENCLOSED =				\$ 525.00		
				Amount to be refunded:	\$	
				Amount to be charged:	\$	
<p>a. <input checked="" type="checkbox"/> A check in the amount of \$ <u>525.00</u> to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>25-0115</u>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p>						
<p>NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.</p>						
<p>SEND ALL CORRESPONDENCE TO: Thomas N. Young Young & Basile, P.C. 3001 W. Big Beaver Road, Ste. 624 Troy, MI 48084</p>						
				SIGNATURE 		
				NAME Thomas N. Young		
				NAME 20,985		
				REGISTRATION NUMBER		

10/537412

LAW OFFICES

YOUNG & BASILE, P.C.

JC17 Rec'd PCT/PTO 02 JUN 2005

THOMAS N. YOUNG
 ANDREW R. BASILE, SR.
 WILLIAM M. HANLON, JR.
 MARSHALL G. MACFARLANE
 THOMAS D. HELMHOLDT
 TODD L. MOORE
 THOMAS E. BEJIN
 CHRISTOPHER A. MITCHELL
 CHRISTIAN J. GARASCIA
 DONALD L. WOOD
 KATHLEEN G. MELLON
 DARLENE P. CONDRA
 MOLLY BASILE MARKLEY
 AMANDA CONTI DUHAIME
 MICHELLE L. KNIGHT
 JAMES L. COX II
 DANIEL J. CHECKOWSKY
 DANIEL J. KELLY
 MICHAEL D. JONES
 CHRISTOPHER G. DARROW
 DENISE M. GLASSMEYER, OF COUNSEL

YOUNG, BASILE, HANLON,
 MACFARLANE, WOOD & HELMHOLDT, P.C.

PATENTS, TRADEMARKS AND COPYRIGHTS
 3001 WEST BIG BEAVER ROAD

SUITE 624

TROY, MICHIGAN 48084-3107

TELEPHONE (248) 649-3333

FACSIMILE (248) 649-3338

www.ybpc.com

June 2, 2005

2001 COMMONWEALTH BLVD.
 SUITE 301
 ANN ARBOR, MI 48105-1562
 TELEPHONE (734) 662-0270
 FACSIMILE (734) 662-1014

JACKSON
 (517) 787-4511

MT. CLEMENS
 (586) 469-1141

GRAND RAPIDS
 (616) 942-2324

DAVID B. EHRLINGER (1920-2000)
 TOWNSEND F. BEAMAN (1931-1983)
 DUNCAN F. BEAMAN (1930-2004)

Attorney's Docket: CAF-201-A
 MAIL STOP PATENT APPLICATION
 Commissioner for Patents
 PO Box 1450
 Alexandria, VA 22313-1450

EV736380928US

Sir:

Enclosed please find a national stage application for U.S. Patent under 35 CFR § 371 as identified below.

Inventors: Robert L. Reuben and Stuart A. McNeill

Invention: Apparatus for Mapping Biological Tissue Quality

and including: Postcard; Transmittal Letter; Form PTO 1390; Copy of the International PCT Application as filed (PCT/GB2003/005217); Combined Declaration and Power of Attorney; and Preliminary Amendment;

National Fee:	\$150
Search Fee:	\$250
Examination Fee:	\$100
Claims in Excess of 20 (1)	<u>\$25</u>
Total:	\$525

Please charge any deficiency or credit any excess in the enclosed fees to Deposit Account No. 25-0115.

☒ Applicant(s), and the Assignee (if applicable), hereby assert a claim to small entity status under 37 CFR 1.9 et. seq.

Thomas N. Young
 Attorney for Applicant
 Registration No. 20,985
 (248) 649-3333

YOUNG & BASILE, P.C.
 3001 West Big Beaver Road
 Suite 624
 Troy, MI 48084-3107